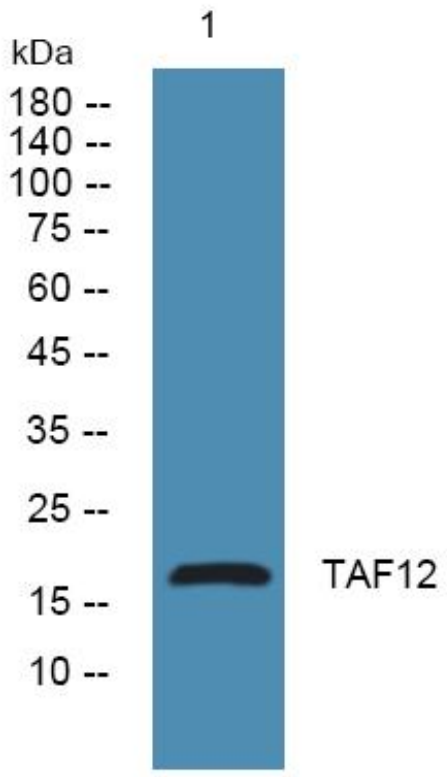
TAF12 Monoclonal Antibody

Catalog No	YP-mAb-06303
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	TAF12 TAF15 TAF2J TAFII20
Protein Name	Transcription initiation factor TFIID subunit 12 (Transcription initiation factor TFIID 20/15 kDa subunits) (TAFII-20/TAFII-15) (TAFII20/TAFII15)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TAF12 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	17kD
Cell Pathway	Nucleus .
Tissue Specificity	Ubiquitous.
Function	function:TAFs are components of the transcription factor IID (TFIID) complex, PCAF histone acetylase complex and TBP-free TAFII complex (TFTC). TAFs components-TIIFD are essential for mediating regulation of RNA polymerase transcription.,similarity:Belongs to the TAF12 family.,similarity:Contains 1 histone-fold domain.,subunit:TFIID and PCAF are composed of TATA binding protein (TBP) and a number of TBP-associated factors (TAFs). TBP is not part of TFTC. Interacts directly with TBP; additional interactions between TAFII20 and TAFII28 or TAFII30 were detected. Component of the PCAF complex, at least composed of TADA2L/ADA2, TADA3L/ADA3, TAF5L/PAF65-beta, SUPT3H, TAF6L, TAF9, TAF10, TAF12 and TRRAP. Component of the STAGA transcription coactivator-HAT complex, at least composed of SUPT3H, GCN5L2, TAF5L, TAF6L, STAF65-gamma/KIAA0764, TADA3L, TAD1L, TAF10, TAF12, TRRAP and TAF9.,tissue speci
Background	Control of transcription by RNA polymerase II involves the basal transcription machinery which is a collection of proteins. These proteins with RNA polymerase

	II, assemble into complexes which are modulated by transactivator proteins that bind to cis-regulatory elements located adjacent to the transcription start site. Some modulators interact directly with the basal complex, whereas others may act as bridging proteins linking transactivators to the basal transcription factors. Some of these associated factors are weakly attached while others are tightly associated with TBP in the TFIID complex. Among the latter are the TAF proteins. Different TAFs are predicted to mediate the function of distinct transcriptional activators for a variety of gene promoters and RNA polymerases. TAF12 interacts directly with TBP as well as with TAF2I. Two transcript variants encoding the same pr
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TAF12 Monoclonal Antibody